

## **REMARKS**

### **Present Status of the Application**

Applicants thank the Examiner for the thorough examination of this application. However, the present specification is objected. Claims 20-32 are rejected under 35 U.S.C. 112, 1st paragraph, as failing to comply with the written description requirement. Claims 20-32 are rejected under 35 U.S.C. 112, 1st paragraph, as failing to comply with the enablement requirement. Claims 20-32 are rejected under 35 U.S.C. 112, 2nd paragraph, as being indefinite for failing to particularly point out distinctly claim the subject matter which applicant regards as the invention. Claims 20-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Clifton et al. (U.S. Pat. No.6,388,648,; hereinafter “Clifton”) in view of Instant Applicant’s Admitted Prior Art (hereinafter “APA”).

In response thereto, Applicants have amended claims 20 and 27 to more clearly define the present invention. The amended claims 20 and 27 are fully supported by the present specification without adding new matter. Applicants have amended the paragraph [0008] of the present specification. After entry of the foregoing amendments, claims 1, 2, 4-8 and 20-32 remain pending in the present application, and reconsideration of those claims is respectfully requested.

### **Discussion of the specification objection**

*The present specification is objected by the current Office Action.*

In response thereto, Applicants would like to thank the Examiner of pointing out

the informalities and accordingly amended the present specification.

**Discussion of Claim Rejections under 35 U.S.C. 112**

*Claims 20-32 are rejected under 35 U.S.C. 112, 1st paragraph, as failing to comply with the written description requirement. Claims 20-32 are rejected under 35 U.S.C. 112, 1st paragraph, as failing to comply with the enablement requirement. Claims 20-32 are rejected under 35 U.S.C. 112, 2nd paragraph, as being indefinite for failing to particularly point out distinctly claim the subject matter which applicant regards as the invention.*

In response thereto, Applicants have amended claims 20 and 27 in order to overcome all of the claim rejections under 35 U.S.C. 112, 1<sup>st</sup> and 2<sup>nd</sup> paragraphs. Upon entry of the amendments, Applicants respectfully submit that claims 20-32 now are complying with the written description requirement and the enablement requirement, and further are definite for particularly pointing out and distinctly claiming the subject matter applicants regard as the invention. As a result, the rejections with respect to claims 20-32 should be withdrawn.

**Discussion of the claim rejection under 35 USC 103**

*Claims 20-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Clifton in view of Instant APA.*

In response thereto, Applicants have amended claims 20 and 27 to more clearly define the present invention, so that Applicants hereby otherwise traverse these rejections

upon the entry of the proposed amendments. Specifically, Applicants respectfully submit that the present application as set forth in the currently amended claims 20 and 27 is patentable over Clifton, APA, or any of the other cited references, taken alone or in combination, and thus should be allowed.

Applicants respectfully submit that **the connection relationship for the inverting and the non-inverting terminals of the operational amplifier of the present invention is different from Clifton**. To be specific, the inverting terminal of the operational amplifier of the present invention is coupled to a reference voltage such as the ground voltage, but the inverting terminal of Clifton is not coupled to the ground voltage (please see FIG.14 of Clifton).

In addition, one terminal of the first Gamma resistor of the present invention is used for receiving a first **digital signal**, and one terminal of the second Gamma resistor of the present invention is used for receiving a second **digital signal**. However, one terminal of the resistor 186R of Clifton corresponding to the first Gamma resistor of the present invention is used for receiving an **analog signal R rather than digital signal**, and one terminal of the resistor 210G connecting in series with the resistor 212G of Clifton corresponding to the first Gamma resistor of the present invention is used for receiving an **analog signal G rather than digital signal** (please see column 13, lines 57-58 of Clifton).

Furthermore, the technical efficiency of the circuit as claimed in the currently amended claim 20 is different from the analog color space converter circuit 180 of Clifton. To be specific, the circuit as claimed in the currently amended claim 20 is used

for generating Gamma voltage signal. However, **the analog color space converter circuit 180 of Clifton is used for providing analog RGB output data (i.e. the primary color-corrected input information, please see Clifton's claim 1) rather than for generating Gamma voltage signal (please further see column 13, line 20 to column 14, line 65 of Clifton).** Therefore, the analog color space converter circuit 180 of Clifton is not equivalent to the circuit as claimed in the currently amended claim 20.

From the above, Applicants respectfully submit that Clifton does not disclose all features and limitations as claimed in the currently amended claim 20. As a result, the currently amended claim 20 is patentable over Clifton, APA, or any of the other cited references, taken alone or in combination, and thus should be allowed.

If an independent claim is non-obvious under 35 U.S.C. 103, then any claim depending therefrom is non-obvious. *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988). As a result, claims 21-26 directly or indirectly depending upon the allowable claim 20 should be allowed as a matter of law.

Since claim 27 substantially comprises all features and limitations as claimed in the currently amended claim 20, so the currently amended claim 27 is also patentable over Clifton, APA, or any of the other cited references, taken alone or in combination, and thus should be allowed.

If an independent claim is non-obvious under 35 U.S.C. 103, then any claim depending therefrom is non-obvious. *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988). As a result, claims 28-32 directly or indirectly depending upon the allowable claim 27 should be allowed as a matter of law.

**CONCLUSION**

For at least the foregoing reasons, it is believed that the pending claims 1, 2, 4-8 and 20-32 are in proper condition for allowance. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

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Respectfully submitted,

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